

THERMAL-LUBE

ODOURLESS FOOD GRADE CIRCULATING OIL

XL0863

March 2023

XL0863 series of heat transfer oils are products with a high specific heat formulated to meet all the specific requirements of hot oil circulating systems operating at temperatures of up to 320°C in closed systems, and 210°C in open systems.

This series is blended from highly refined base stocks, which are colorless, tasteless, and odorless. All are water white, (saybolt colour 30) and meet USP cloud and acid tests.

XL0863 conforms to the following Food and Drug Administration's (FDA) CFR regulations:

CFR172.880	Covering direct use in food.
CFR178.3700	For indirect use in food.
CFR573.720	For use in animal feed.

The **XL0863** series also conform to FDA 21 CFR178.3620(b)(i)&(ii), 21 CFR573.680 requirements and are classified as USDA H1 lubricants.

XL0863 contains special additives that retard oxidation, protect metallic surfaces against rust and corrosion, prevent air entrapment, and reduce foam.

XL0863 is available in standard ISO grades:

TYPICAL SPECIFICATIONS							
Product Code: XL0835	/010	/015	/022	/032	/046	/068	/100
ISO Grade	10	15	22	32	46	68	100
Viscosity (cSt @ 40°C) (ASTM D445) (cSt @ 100°C) (ASTM D445)	11.3 2.9	16.5 3.9	23.5 4.9	38.7 6.4	42.4 6.7	69.3 9.0	104.0 11.9
Viscosity Index	105	134	136	116	112	104	103
Flash Point (°C)	177	185	193	218	242	242	269
Pour Point (°C)	-20	-18	-18	-18	-18	-16	-13
Density (g/ml @ 25°C) (g/ml @ 15.6°C)	0.850 0.860	0.852 0.861	0.854 0.863	0.857 0.865	0.857 0.867	0.863 0.869	0.871 0.877



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